



**Omega Completion Technology Ltd.**

## OMEGA CASE HISTORY

*HI Expansion Retrievable Bridge Plug (HEX386-700) enables well isolation through tubing hanger restriction.*

### OBJECTIVES

- Isolate ANW-10 in preparation for workover.
- Deploy HEX386-700 RBP on slickline at 157 ft RKB (plug has an OD of 3.86").
- Pressure test HEX386-700 RBP from above to 1000psi (limited due to tubing status (HEX386-700 ISO14310 Tested to 4000psi @ 110 deg C).
- Remove Xmas Tree and install BOP.
- Retrieve HEX386-700RBP from ANW-10 on slickline.
- Continue to workover ANW-10.

### RESULTS

- HEX386-700RBP successfully deployed 1st time.
- Good pressure test first to 300psi for 5mins followed by 1000psi for 10mins.
- HEX386-700RBP equalized & retrieved 78 hrs later.
- Chevron continue with workover programme on ANW-10.

### VALUE TO CLIENT

- HEX386-700RBP allowed for a retrievable bridge plug to be deployed past the 4.688" restriction at the tubing hanger and set shallow in the 7.00 29lbs/ft Tbg.
- Plug design incorporates mechanical slips to enable positive locking of plug, minimizing risk associated with deploying an inflate plug.
- Only 2 hours taken to retrieve the HEX386-700 RBP meant Chevron could quickly move to the next phase of their programme efficiently.

**CLIENT :**  
Chevron

**LOCATION :**  
North Sea, UK

**FIELD :**  
Alba North Platform

**WELL TYPE :**  
Water Injector

**SETTING DEPTH:**  
157 ft RKB

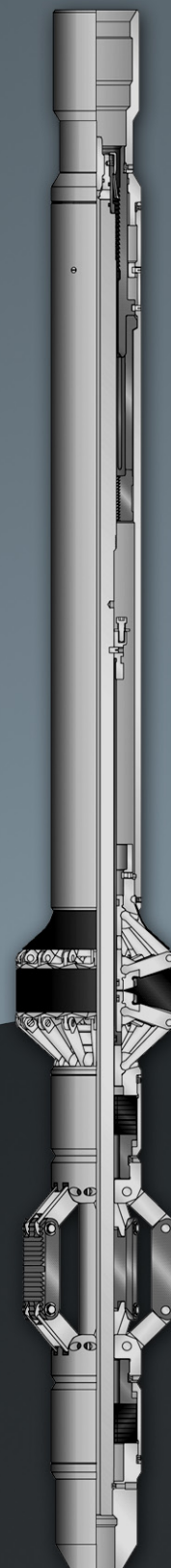
**SETTING ID:**  
7.00" 29 lbs/ft (6.184)

**DEVIATION @ DEPTH:**  
0-5 deg

**CASING DETAILS:**  
7.00" 29 lbs/ft

**TOOLING INFORMATION:**  
HEX386-700 Retrievable Bridge Plug.

3.60" Hydrostatic Setting Tool Single Piston & Nitrogen Chamber.



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